# Mountain Weather Forecast

## Peak District National Park

Forecast valid from 00:00 on Wednesday 18 Oct 2023 until 23:59 on Thursday 19 Oct 2023

Forecast Issued on Tuesday 17 Oct 2023 at 13:01

**Confidence:** High at first but lower for rainfall detail through the week.

**Headline for Wednesday 18 Oct 2023:** Mainly dry until the evening but very windy on Wednesday.

**Mountain weather hazards on Wednesday 18 Oct 2023**

| | | |
|---|---|---|
| **Blizzards**<br>No Likelihood | **Heavy persistent snow**<br>No Likelihood | **Storm force winds**<br>No Likelihood |
| **Gales**<br>Medium Likelihood | **Severe chill effect**<br>No Likelihood | **Poor visibility**<br>Low Likelihood |
| **Thunderstorms**<br>No Likelihood | **Heavy persistent rain**<br>Low Likelihood | **Strong sunlight**<br>No Likelihood |

| **Weather and chance of precipitation at 600m** | | | | | | | |
|---|---|---|---|---|---|---|---|
| Time | | | | | | | |
| 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | | | |
| Cloudy | Cloudy | Cloudy | Sunny intervals | Sunny intervals | Cloudy | Heavy Rain | Heavy Rain |
| Precipitation probability | | | | | | | |
| 10% | 10% | 10% | 10% | 10% | 10% | 40% | 80% |

**Forecast for Wednesday 18 Oct 2023**

**Weather:** A mainly dry day with some sunny spells through the morning and into the afternoon. Low cloud affecting hill tops later in the afternoon, increasing into the evening with rain following behind later. This rain turning heavy later in the evening. Strong winds throughout.

**Chance of cloud-free hill tops above 600m:** 80-90%, decreasing to 20% later in the evening.

**Low cloud and visibility:** Scattered low cloud base 700-800m during the latter part of the afternoon, increasing from the south and lowering to 400-600m through the evening. Visibility generally good but reducing to moderate in rain later.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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# Met Office Mountain Weather Forecast

**Forecast for Wednesday 18 Oct 2023**

| Height (m) | Wind Speed mean/gusts (mph) | | | | | Wind Direction (blowing from) | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 34/47 E | 29/41 E | 29/41 E | 30/42 E | 29/40 E | 28/40 E | 29/41 E | 29/42 E | 14/21 S |
| **300** | 24/39 E | 24/40 E | 23/38 E | 23/36 E | 24/37 E | 25/39 E | 25/39 E | 24/38 E | 12/20 SE |
| **Valley** | 14/30 E | 19/39 E | 20/39 E | 19/38 E | 20/39 E | 21/43 E | 21/43 E | 19/39 E | 8/19 E |

| Height (m) | Temperature / Feels Like (°C) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 6/-0 | 6/0 | 6/0 | 7/1 | 9/4 | 9/4 | 8/3 | 9/4 | 10/7 |
| **300** | 8/4 | 8/4 | 8/4 | 10/6 | 12/8 | 12/8 | 11/7 | 11/7 | 12/10 |
| **Valley** | 9/6 | 9/5 | 9/5 | 10/7 | 13/9 | 13/9 | 12/8 | 12/8 | 12/11 |
| **Freezing Level*** | 1800m | 1900m | 2900m | 3000m | 3100m | 3200m | 3300m | 3400m | 3400m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Be aware of strong winds, particularly at height, despite the otherwise fine conditions.

**Recent rainfall:** measured at Cat & Fiddle: altitude 511m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 14:00 on Tue 17 Oct 2023 | 0mm | 0mm | 1mm |

**Forecast for Thursday 19 Oct 2023**

**Weather:** Heavy rain pushing northwards through the early hours, briefly drier for a time during the morning but further outbreaks of rain, heavy at times, expected through the day. Winds less strong compared to Wednesday.

**Maximum wind:** East or southeasterly 15-20mph gusting 25-30mph

**Chance of cloud-free hill tops above 600m:** 20%

**Low cloud and visibility:** Broken low cloud base 400-600m throughout much of the day. Visibility moderate in rain, improving to good at lower levels in drier interludes.

**Temperature:** **Valleys:** Plus 12 rising to plus 15 Celsius
**At 600m:** Plus 10 rising to plus 12 Celsius
**Freezing level:** Above summits

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